

900 GeV pp

Soft QCD

Charged particle multiplicity as function of η

- ATLAS
- △ Pythia 6.428 370
- - □ - - Pythia 6.428 391
- . - . ■ - . Pythia 6.428 default
- ▲ Pythia 8.315 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2010_I849050)

2

1

0.5

 η $1/N_{\text{ev}} dN_{\text{ch}}/d\eta$

Ratio to ATLAS

